



63502

COFC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hanaoka et al.)
Serial No.: 09/473,868)
Filed: December 28, 1999)
For: DRIVING OF A LIQUID)
CRYSTAL DISPLAY DEVICE)
Art Unit: 2674)
Examiner: Abdulsalam, A.)
Patent: 6,989,808)
Issued: Jan. 24, 2006)

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

20 Feb 06
Date

[Signature]
Registration No. 29,367
Attorney for Applicants

Certificate
FEB 28 2006
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: Certificate of Corrections Branch

Dear Sir:

In accordance with 37 C.F.R. § 1.322, patentees, through their attorneys, respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and Trademark Office and the changes include the following:

FEB 28 2006

On the Patent Face:

Under "References Cited", the following reference was inadvertently omitted:

--6,353,435; 3/2002; Kudo et al.-- (PTO-892 dated 01/25/05).

FEB 25 2006

In the Claims:

Col. 8, line 43, delete "confined insaid" and insert --confined in said-- (§ 312


Amend., p. 4, line 10; dated 4/22/05).

REMARKS

A Certificate of Correction incorporating the delineated change is enclosed in duplicate herewith. Since the mistakes were on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By 
Patrick G. Burns
Registration No. 29,367

February 20, 2006

300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: 312.360.0080
Facsimile: 312.360.9315

Customer No. 24978

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,989,808
DATED : Jan. 25, 2006
INVENTOR(S) : Hanaoka et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Patent Face:

Under "References Cited", the following reference was inadvertently omitted:

--6,353,435; 3/2002; Kudo et al.-- .

In the Claims:

Col. 8, line 43, delete "confined insaid" and insert --confined in said--.

MAILING ADDRESS OF SENDER:

Patrick G. Burns
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, Suite 2500
Chicago, IL 60606

PATENT NO 6,989,808
No. of additional copies 1



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,989,808
DATED : Jan. 25, 2006
INVENTOR(S) : Hanaoka et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Patent Face:

Under "References Cited", the following reference was inadvertently omitted:

--6,353,435; 3/2002; Kudo et al.-- .

In the Claims:

Col. 8, line 43, delete "confined insaid" and insert --confined in said--.

MAILING ADDRESS OF SENDER:
Patrick G. Burns
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, Suite 2500
Chicago, IL 60606

PATENT NO 6,989,808
No. of additional copies 1



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

6. (Currently Amended) A method as claimed in claim 1, wherein said common voltage is set such that a fluctuation of a leakage light, caused by a disclination induced in said liquid crystal layer by a lateral electric field, is 10% or less.

7. (Original) A method as claimed in claim 1, wherein said central voltage is offset from zero volt.

8. (Previously Presented) A liquid crystal display device, said liquid crystal display device comprising:

a first substrate;

a second substrate opposing said first substrate with a gap therebetween;

a liquid crystal layer confined in said gap;

a thin-film transistor formed on said first substrate;

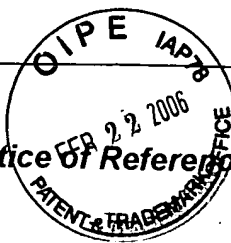
a data bus line formed on said first substrate in electrical connection with said thin-film transistor;

a driving circuit supplying an alternate-current driving voltage signal to said thin-film transistor via said data bus line;

a pixel electrode provided on said first substrate in electrical connection to said thin-film transistor;

an auxiliary electrode of H-shaped form including a pair of parallel conductor portions and a conductor portion connection said parallel conductor portions, formed on said

Notice of References Cited



Application/Control No.

09/473,868

Applicant(s)/Patent Under
Reexamination
HANAOKA ET AL.

Examiner

Abbas I Abdulsalam

Art Unit

2674

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,353,435 ✓	03-2002	Kudo et al.	345/204
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	<i>all cited references supplied by me</i>
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.